



Corps Bytes

**US Army Corps
of Engineers®**
New York District

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The Corps of Engineers Leads, Feeds and Apple Seeds is a monthly release that highlights what the U.S. Army Corps' New York District is doing in *your* backyard.

January Highlights:

- **Army Corps begins dredging Jones Inlet in Nassau County.**
- **Dredging project creates motel for fish.**
- **Corps uses clean dredged sand and till material for beneficial use.**
- **Corps' proactive dam safety program puts a halt to potential public risks.**
- **Keeping costs down of cocoa, orange juice and automobiles.**

The U.S. Army Corps of Engineers is the nation's premier building organization involved in soil remediation, military construction projects, beach nourishment, dredging, and keeping the harbor free from obstructions to navigation.

Leads: From dredging to military construction, this is the section that provides story ideas concerning projects being managed by the U.S. Corps of Engineers, New York District.

Army Corps begins dredging Jones Inlet in Nassau County. The U.S. Army Corps of Engineers commenced dredging Jones Inlet in Nassau County earlier this month. The \$7.6 million project is funded by the State of New York under the terms of a contract awarded by the Army Corps' New York District. The dredge Illinois will perform the work. The project is integral in preventing navigational hazards, rehabilitating Point Lookout beaches, protecting private property, and reducing the impacts of erosion on the natural resources of the area. The project is coordinated by the Army Corps, NY State DEC commissioner, the NY Office of the Attorney General, and the Office of the State Comptroller. To learn more about this project, contact Vince Elias at 917-790-8007.

Click link for a photo of the dredging Jones Inlet project

<http://www.nan.usace.army.mil/harbor/bytes/graphics/jan08/jones.jpg>

Dredging project creates motel for fish. The Army Corps and partners are optimizing navigation channels while simultaneously creating acres of new fish habitat. The Corps in conjunction with the Port Authority are deepening the channel at Port Jersey in Bayonne and Jersey City to accommodate the most modern vessels in the commercial container fleet by increasing the channels maximum depth from 41 to 50 feet. To learn more about this project, contact Vince Elias at 917-790-8007.

Corps uses clean dredged sand and till material for beneficial use. Over 3.37 million cubic yards of silt from the Port Jersey 50 foot channel deepening project that began in early December will be used beneficially at a variety of upland and aquatic sites in the region. Of particular note, approximately 935,000 cubic yards of suitable sand and till material will be used to create a habitat enhancement area in an unneeded navigation channel south of the Peninsula at Bayonne Harbor, N.J., formerly the Military Ocean Terminal, Bayonne. To learn more about this project, contact Vince Elias at 917-790-8007.

A dirty business comes to an end. A highly developed residential and commercial area in Manville N. J. is going to see the remainder of contaminated dirt removed early this year. The area which consists of a shopping mall and homes was the former site of a wood treatment plant. The New York District has been overseeing the management of the excavation disposal and remediation of this project since October 2000. To date 450,000 tons of contaminated soil has been excavated and disposed of. January will mark the completion. To learn more about this project, contact Mary Stavina at 917-790-8106.

Corps' proactive dam safety program puts a halt to potential public risks. For the past 3 years the Corps has been aggressively examining and repairing Corps owned dams throughout the country. In New York State they are assisting West Point and Fort Drum military academies in the development of dam safety programs for dams on their properties. To learn more about this project, contact JoAnne Castagna at 917-790-8219.

Click link for a photo of Corps' proactive dam safety program
<http://www.nan.usace.army.mil/harbor/bytes/graphics/jan08/safety.jpg>

Feeds: Curious about the U.S. Army Corps of Engineers history? Or maybe gee whiz facts are your cup of tea? Either way, you'll find them in the feeds section.

Need something built quickly? I know, let's ask the Corps of Engineers: When the decision was made to build the Pentagon in 1941, the U.S. Army Corps of Engineers stepped up to the challenge and produced a building in 16 months with more than three times the floor space of the Empire State Building. The Pentagon consolidated 17 buildings of the War Department returning its 83 million dollar investment in less than seven years. The Corps of Engineers used five-point-five million cubic yards of earth and 41,492 concrete piles to create the building's foundation. Additionally, 680,000 tons of sand and gravel, dredged from the nearby Potomac River, were processed into 435,000 cubic yards of concrete and molded into the Pentagon form that to this day stands as a symbol of pride to the American people.

Apple Seeds: This is the section where planting the seeds of hard work and determination yield positive results for the U.S. Army Corps of Engineers.

Keeping costs down of cocoa, orange juice and automobiles. The U.S. Army Corps of Engineers New York District will begin dredging Ambrose Channel in May. Maintaining the depth of the Ambrose Channel provides a safer and more efficient transportation network for large vessels calling at the Port of New York and New Jersey. This contract is part of the Channels Navigation Improvement Project which is under the direction of the U.S. Army Corps of Engineers and cost-shared with the Port Authority of New York and New Jersey. As the nation's third largest container port, the existing channel will need to be dredged to permit access by many of today's modern-day containerships. To learn more about this project, contact Vince Elias at 917-790-8007.